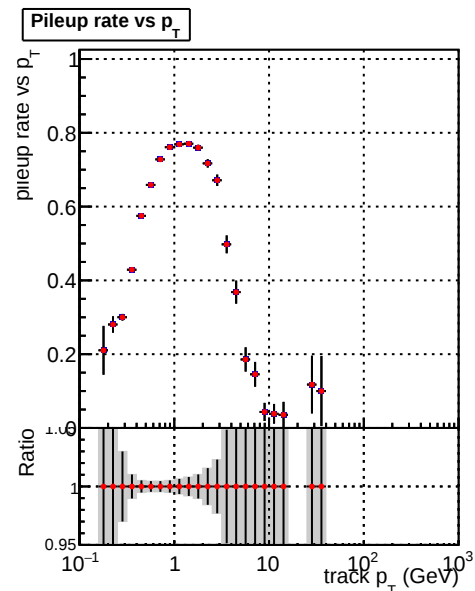




The figure consists of two vertically stacked panels sharing a common x-axis labeled 'track  $\eta$ ' ranging from -3 to 3.

The top panel is titled 'pileup rate vs  $\eta$ '. The y-axis ranges from 0 to 1. Data points are red diamonds with vertical error bars. The rate starts at approximately 0.15 at  $\eta = -3$ , rises to a peak of about 0.75 between  $\eta = -1$  and  $\eta = 1$ , and then decreases to about 0.2 at  $\eta = 3$ . A horizontal dashed line is drawn at  $y = 0.5$ .

The bottom panel is titled 'Ratio'. The y-axis ranges from 0.95 to 1.1. Data points are black vertical bars with error bars. The ratio fluctuates around a red horizontal line at  $y = 1.0$ . The fluctuations are largest at the edges of the  $\eta$  range and decrease towards the center.

